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Liposomes.

© Liposomes having covalently bound PEG moleties on the external surface have improved serum half-life following intravenous administration.



## PARTIAL EUROPEAN SEARCH REPORT

Application Number

which under Rule 45 of the European Patent Convention EP 93 11 3468 shall be considered, for the purposes of subsequent proceedings, as the European search report

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Category	of relevant p	SZSTŠC2	to claim	APPLICATION (IntCL5)
(	EP-A-0 171 946 (TE February 1986 * page 4, line 13 * page 7, line 30	CHNICON INSTR. CORP.) 19 - line 25 *	1	A61K9/127
	* page 7, line 30 * page 8, line 22	- line 25 **		
	* page 0, line 22	- line 34; claims *		
	& -A-		1-11	
,	GB-A-2 185 397 (CO 1987	SMAS-DAMIAN LTD) 22 July	1-11	
	* page 1, line 37 * page 6, line 41	- line 42 * - line 53 * 	-	
•	CHEMICAL ABSTRACTS 18 July 1988, Columbstract no. 174416 * abstract *	nbus, Ohio, US;	1-11	
	& ENDOCRINOLOGY vol. 122, no. 6, pages 2865 - 2872	1988 , BALTIMORE		
	C. HOFMANN ET AL.	TRANSFER OF FUNCTIONAL TO RECEPTOR-DEFICIENT	·	TECHNICAL FIELDS SEARCHED (Int.Cl.5)
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	DOCUMENTS CONSIDERED TO BE RELEVAN	CLASSIFICATION OF THE APPLICATION (Int.Cl.5)	
Category	Citation of document with indication, where appropriate, of relevant passages	Reievant to claim	
D,Y, P	RADIOLOGY vol. 171, no. 1 , April 1989 pages 81 - 85 E. C. HUNGER ET AL. 'HEPATIC METASTASES: LIPOSOMAL GD-DTPA-ENHANCED MR IMAGING'	1-11	
			TECHNICAL PIELDS SEARCHED (Int.Cl.5)
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Remark: Although claim 11

is directed to a method of treatment of (diagnostic method practised on) the human/animal body (Art. 52(4) EPC) the search has been carried out and based on the alleged effects of the compound/composition